

FIG.1

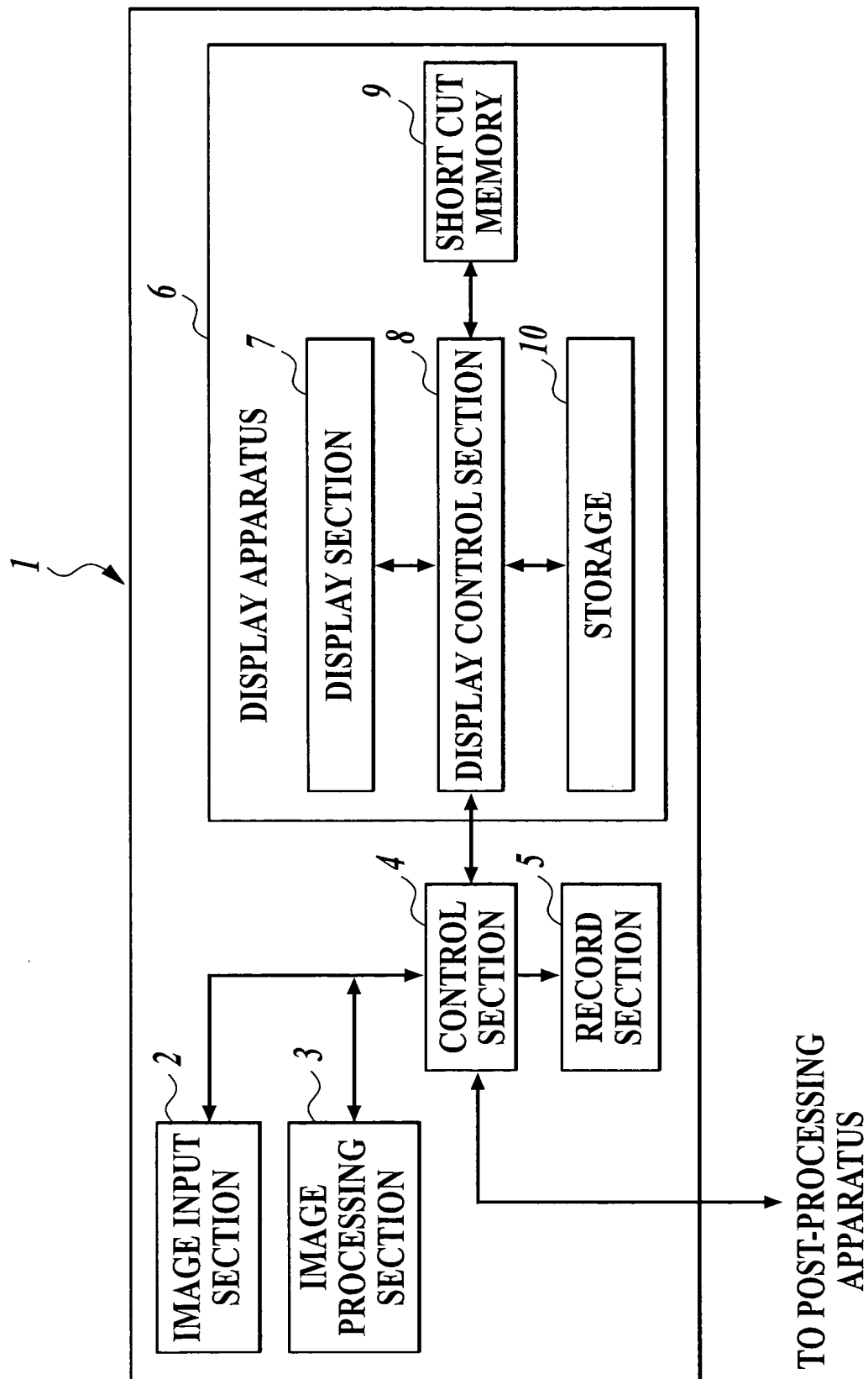


FIG.2

2/9

11		35		36		37		38		39		40			
		COPY		SCANNER		STORE		READ		JOB MANAGEMENT		MACHINE CONDITION			
COPY CAN BE RESERVED												JOB ID 99			
NUMBER OF RESERVED JOBS 9				VOLUME OF REMAINING MEMORY 99%				NUMBER OF SET COPIES				YAMADA TARO OUTPUT 9999/9999			
13				17				19				24			
MANUSCRIPT SETTING				IMAGE QUALITY SETTING				MAGNIFICATION SETTING				APPLICATION SETTING			
12				15				21				22			
SETTING DIRECTION				PHOTOGRAPH				1.00				EQUI-MAGNIFICATION			
18				AUTOMATIC				AUTOMATIC				CONFIRMATION			
14				23				26				27			
MANUSCRIPT READING				BOTH SIDES SELECTION				PAPER SETTING							
28				29				30				31			
OUTPUT SETTING				BOTH SIDES → BOTH SIDES				NO IMAGE ROTATION				3 8.5×11 MIRAGE			
30				BOTH SIDES → ONE SIDE				1 A4 PLAIN PAPER				4 B4 INDEX			
31				ONE SIDE → BOTH SIDES				2 5.5×8.5WR NON-PRINTED PAPER				5 A4 PLAIN PAPER			
32				ONE SIDE → ONE SIDE				AUTOMATIC				33			
34				STAPLE				PUNCH							

FIG. 3

Figure 1 is a schematic diagram of a control panel 11 for a copier. The panel is divided into several functional areas. At the top, there are buttons for "COPY", "SCANNER", "STORE", "READ", "JOB MANAGEMENT", and "MACHINE CONDITION". Below these are two rows of status information: "COPY CAN BE RESERVED" and "NUMBER OF RESERVED JOBS 2", and "NUMBER OF SET COPIES" and "0001". A "MACHINE CONDITION" section shows "---OUTPUT JOB---" and "USER NAME: YAMADA 9/10".

The main control area is divided into three columns. The left column contains "MANUSCRIPT SETTING", "SETTING DIRECTION" (with a button "A"), "MANUSCRIPT READING", and "OUTPUT SETTING". The middle column contains "IMAGE QUALITY SETTING", "MAGNIFICATION SETTING" (with a value of "1.00"), and "APPLICATION SETTING". The right column contains "PAGE EDITING" (with sub-options: INTER-SHEETS, CHAPTER DIVIDING, ONE-SHEET-GATHERING, PAMPHLET, OHP PUTTING-SHEETS-TOGETHER, INSERTED PAGE, SUCCESSIVE PAGES COPY, PROGRAM JOB), "IMAGE APPLICATION" (with sub-options: OUT-OF-MANUSCRIPT ELIMINATION, WHITE-BLACK CONVERSION, REPEAT, BORDER/CREASE ELIMINATION, CORRECTION OF MANUSCRIPT POSITION, ALL-OVER-IMAGE, BINDING MARGIN, STAMP/OVERLAY), and "STANDARD RETURN", "CANCEL", and "OK". A "PUNCH" button is located at the bottom right.

Various reference numerals (11, 41, 42, 43, 44, 45, 46, 47, 48, 49) are used to identify specific components and areas of the panel.

FIG.4

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FIG. 5

COPY

SCANNER

STORE

READ

JOB MANAGEMENT

MACHINE CONDITION

SHIFT (SETTING RANGE 0-250MM)

REDUCTION SHIFT (SETTING RANGE 0-250MM)

NUMBER OF RESERVED JOBS 9

VOLUME OF REMAINING MEMORY 99%

RECEPTION

PERIODIC INSPECTION

NUMBER OF SET COPIES 0001

JOB ID 99

YAMADA TARO

OUTPUT 9999/9999

MANUSCRIPT SETTING

IMAGE QUALITY

MAGNIFICATION

APPLICATION SETTING

BINDING MARGIN

REDUCTION BINDING MARGIN

FRONT

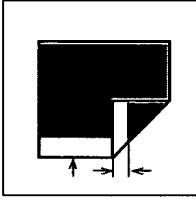
BACK

BOTH SIDES

100mm

100mm

100mm



100mm

1

2

3

4

5

6

7

8

9

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55

56

IRAGE

INDEX

PLAIN PAPER

NTIC

41

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58

OK

CANCEL

FIG. 6

37

COPY

SCANNER

STORE

READ

JOB MANAGEMENT

MACHINE CONDITION

COPY CAN BE RESERVED

NUMBER OF RESERVED JOBS 9

VOLUME OF REMAINING MEMORY 99%

NUMBER OF SET COPIES

PERIODIC INSPECTION

JOB ID 99

YAMADA TARO

OUTPUT 9999/9999


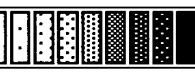
MANUSCRIPT SETTING

SETTING DIRECTION

A

MANUSCRIPT READING

IMAGE QUALITY SETTING

PHOTOGRAPH

AUTOMATIC

MAGNIFICATION SETTING

1.00

EQUI-MAGNIFICATION

AUTOMATIC



APPLICATION SETTING

BINDING MARGIN

REPEAT

CONFIRMATION

OUTPUT SETTING

STAPLE

PUNCH

BOTH SIDES SELECTION

BOTH SIDES → BOTH SIDES

BOTH SIDES → ONE SIDE

ONE SIDE → BOTH SIDES

ONE SIDE → ONE SIDE

PAPER SETTING

NO IMAGE ROTATION

1 A4 PLAIN PAPER

2 5.5x8.5WR NON-PRINTED PAPER

3 8.5x11 MIRAGE

4 B4 INDEX

5 A4 PLAIN PAPER

AUTOMATIC

60

24

25

61

62

26

6/9

FIG. 7

37

COPY

SCANNER

STORE

READ

JOB MANAGEMENT

MACHINE CONDITION

COPY CAN BE RESERVED

NUMBER OF RESERVED JOBS 9

VOLUME OF REMAINING MEMORY 99%

NUMBER OF SET COPIES

PERIODIC INSPECTION

JOB ID 99

YAMADA TARO

OUTPUT 9999/9999

MANUSCRIPT SETTING

SETTING DIRECTION

A

MANUSCRIPT READING

IMAGE QUALITY SETTING

PHOTOGRAPH

AUTOMATIC

MAGNIFICATION SETTING

1.00

EQUI-MAGNIFICATION

AUTOMATIC

APPLICATION SETTING

BINDING MARGIN

REPEAT

PROGRAM JOB

CONFIRMATION

▲

▼

OUTPUT SETTING

STAPLE

PUNCH

BOTH SIDES SELECTION

BOTH SIDES → BOTH SIDES

BOTH SIDES → ONE SIDE

ONE SIDE → BOTH SIDES

ONE SIDE → ONE SIDE

PAPER SETTING

NO IMAGE ROTATION

3 8.5x11

MIRAGE

4 B4

INDEX

1 A4

PLAIN PAPER

2 5.5x8.5WR

NON-PRINTED PAPER

5 A4

PLAIN PAPER

AUTOMATIC

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FIG.8

8/9

COPY

SCANNER

STORE

READ

JOB MANAGEMENT

MACHINE CONDITION

COPY CAN BE RESERVED

NUMBER OF RESERVED JOBS 9

VOLUME OF REMAINING MEMORY 99%

RECEPTION

PERIODIC INSPECTION 0001

NUMBER OF SET COPIES

JOB ID 99

YAMADA TARO

OUTPUT 9999/9999

MANUSCRIPT SETTING

SETTING DIRECTION

MANUSCRIPT READING

OUTPUT SETTING

IMAGE QUALITY SETTING

PHOTOGRAPH

BOTH SIDES SELECTION

MAGNIFICATION SETTING

EQUI-MAGNIFICATION

AUTOMATIC

APPLICATION SETTING

REPEAT

PROGRAM JOB

ALL-OVER-IMAGE

CONFIRMATION

PAPER SETTING

STAPLE

PUNCH

BOTH SIDES → BOTH SIDES

BOTH SIDES → ONE SIDE

ONE SIDE → BOTH SIDES

ONE SIDE → ONE SIDE

NO IMAGE ROTATION

PLAIN PAPER

NON-PRINTED PAPER

3 8.5×11 MIRAGE

4 B4 INDEX

5 A4 PLAIN PAPER

AUTOMATIC

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FIG 9